

# Solar power generation data for the first half of the year



## Overview

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Developers added 12 gigawatts (GW) of new utility-scale solar electric generating capacity in the United States during the first half of 2025, and they plan to add another 21 GW in the second half of the year, according to our latest survey of electric generating capacity changes. Combined, solar and storage accounted for 82% of new capacity in the first half of the year. In the first half of 2024, China made up 54% of global solar. The rest of the world was up 11% y/y. • The IEA reported Pakistan's rapid rise to fourth place in annual global PV deployment in 2024, with 17 GW dc dcinstalled. Solar is the fastest-growing source of electricity worldwide, and the buildout continues to gain pace, year after year. A review by the SUN DAY Campaign of data just released by the Federal Energy Regulatory Commission (FERC) reveals that the combination of solar and wind accounted for 91% of new U.

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### Record-breaking year ahead for US power generation with

Developers have already installed 12 GW in the first half of the year, with another 21 GW planned before year-end. If achieved, this would mark 33 GW of solar capacity additions in a single ...

### US adds 17.9GW of solar in the first half of the year

The US has installed 17.92GW of new solar capacity in the first half of the year, with quarter-on-quarter declines in capacity additions for the utility-scale and residential sectors.



114KWh ESS



ISO 9001 ISO 14001 PICC RoHS CE MSDS UN38.3 UK CA IEC

### Report: Solar, wind power grew faster than electricity demand this year

Global solar generation grew by a record 31% in the first half of the year, while wind generation grew by 7.7%, according to the report by the energy think tank Ember, which was released

## Spring 2025 Solar Industry Update

o At the end of 2024, solar was the second-largest source of U.S. generation capacity, though still a growing percentage of the U.S. electric generation mix. o In 2024, solar represented ...

### Home Energy Storage (Stackble system)



High Efficiency    Easy installation    Safe and Reliable    Perfect Compatibility

**Product Introduction**

- 1 Scalable from 10 kWh to 50 kWh
- 2 Self-Consumption Optimization
- 3 Integrated with inverter to avoid the compatibility problem
- 4 LFP battery, safest and long cycle life
- 5 Stackble design for easy installation
- 6 Capable of High-Powered Emergency-Backup and Off-Grid Function



## Solar Market Insight Report Q3 2025

Solar accounted for 56% of all new electricity-generating capacity added to the US grid in the first half of 2025, with a total of 18 GW installed. Combined, solar and storage accounted for 82% ...

## 91% of new electrical capacity added in first half of 2025 was solar

A review by the SUN DAY Campaign of data just released by the Federal Energy Regulatory Commission (FERC) reveals that the combination of solar and wind accounted for 91% of ...



## Global solar installations surge 64% in first half of 2025

Global solar installations are on track for



another record year. In the first six months of 2025, the world added 380 GW of new solar capacity -- 64% higher than during the same period in ...

## U.S. installs 14.5 GW of large-scale solar in the first half of 2025

The solar industry installed 14.5 GW of solar large-scale solar in the first half of 2025, according to data released by the Federal Energy Regulatory Commission (FERC).



## Global Solar Installations Up 64 Percent So Far This Year

Even as the U.S. guts support for renewable power, the world is still pushing ahead on the shift to solar energy, with installations up 64 percent in the first half of this year. Solar is the fastest ...

## U.S. developers report half of new electric generating capacity will

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